GE Healthcare

Education Services

Ultrasound

Technical Education

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technical service training tailored to fit *your* needs!

about technical education from GE Healthcare

GE Healthcare Education Services delivers technical education for Diagnostic Imaging, Computed Tomography, Magnetic Resonance, Mammography, Nuclear Medicine/PET, Ultrasound, Monitoring, Diagnostic Cardiology, Infant Care and Anesthesia Delivery Systems and Respiratory products. We also offer a curriculum of Network Infrastructure and Protocols Training classes focused specifically on the needs of today's biomedical and technical professionals.

our goal

To be recognized as the global leader in healthcare education solutions.

- Building customer knowledge and competencies through a diverse educational portfolio in an increasingly complex healthcare environment.
- Striving to exceed customer expectations by delivering exceptional quality education that is clinically relevant and has a measurable impact on practice.
- Be a provider of choice for Network Infrastructure and Protocols Training education regardless of medical equipment choices, previous learning or experience.

registration instructions

Registration is online.
Go to www.gehealthcare.com/training and choose the appropriate category for course schedules and registration link. Select your course and complete all information. Print a copy for your files before submitting. When done, click on Save and Submit to send registration form to a Training Coordinator.

for product technical - ultrasound courses::
Please print the Technical – Devices Agreement & Employment Verification Form.

for product technical - diagnostic imaging courses:
Computed Tomography; Invasive Cardiology; Magnetic Resonance; Molecular Imaging - Nuclear Medicine; Molecular Imaging – PET; Molecular Imaging – Radiopharmaceutical; X-ray.
Please print the Technical – Application for Advanced Service Training.

confirmation of enrollment is sent automatically via email.

customer requirements:

If you are attending one of the classes listed below, please bring a laptop with you to access the electronic service manual during the course. The service manual is going to assist you in the class.

If you are unable to bring a laptop, please bring your service manual to class.

- ApexPro™ CH
- ApexPro FH
- CARESCAPE™ B650
- CARESCAPE B850
- CARESCAPE B650/B850 Classes
- Clinical Information Center
- Clinical Information Center v5
- Case™/Cardiosoft™
- Dash™ Series
- Enterprise Access with FH
- Enterprise Access with CH
- Image Vault™
- Integrated Patient Monitoring
- LOGIQ™ i/e
- LOGIQ E9
- LOGIQ P3
- LOGIQ P5/P6
- LOGIQ S8
- MUSE™ 5D/5E
- MUSE 7
- Mars™ PC
- Mars v8
- Solar™ 9500
- Solar Series
- Vivid™ E9
- Vivid q/i
- Voluson™ E8/E6
- Voluson i
- Voluson S8/S6

Laptop requirements: PC based (Non Mac) Windows XP Pro or Windows 7; Local Administrator access; Wireless network card (Optional for Internet Access); Wired Network card; DB 9 Serial port; CD ROM drive; Ability to disable any and all spy ware and virus scan programs; HyperTerminal or other terminal emulation software; USB Port; AC Power Cord; Internet Explorer 8 or greater; Adobe Reader 6.0 or greater; Latest Flash Plug in; Windows Media Player 10 or greater

Note: At the present time, laptops are not a requirement for any of the anesthesia training classes.

policies and terms

attendance

- Students are required to arrive on time for class.
- Class start and end times vary. Please refer to your e-mail enrollment notification.
- For no-shows (i.e, registered students who do not attend the class but do not cancel in advance of the class start date), there is a no-show fee of full course tuition.
- Students must pass an assessment to receive certificate of successful completion.

low enrollment

GE Healthcare reserves the right to cancel classes due to low enrollment. Classes with low enrollment 15 business days prior to the scheduled date will be cancelled. Please consider this when booking your travel.

When GE Healthcare cancels a class, tuition will be refunded in full. Alternatively, tuition may be applied to the cost of another class scheduled to take place within 12 months of the original class.

GE Healthcare will not be held responsible for any travel costs incurred due to circumstances beyond our control, such as, but not limited to, hurricanes, tornados, or labor strikes.

cancellations

- Cancellations can be made by email or phone: edservices@ge.com or by contacting 888-799-9921.
- For cancellations made more than 3 weeks prior to the class start date, there is no cancellation fee.
- For cancellations made 7-15 business days prior to the class start date, there is a cancellation fee of 25% of course tuition. For cancellations made 1-6 business days prior to the class start date, there is a cancellation fee of 50% of course tuition.
- For no-shows (i.e, registered students who do not attend the class but do not cancel in advance of the class start date), there is a no-show fee of full course tuition.
- GE reserves the right to cancel or reschedule any class for any reason and at any time. GE will not be held responsible for any travel costs incurred due to causes beyond our control, such as, but not limited to, hurricanes, tornados, or strikes.

order expiration

Diagnostic Imaging Courses -
Training expires 24 months after order date.

Devices, Healthcare IT, and Ultrasound Courses -
Training expires 18 months after order date.

use of media & recording devices

The Healthcare Institute's (HCI) policies prohibit the use of any unauthorized personal removable media and recording devices in any courses, classrooms, and labs without the express consent of GE Healthcare. This includes, but is not limited to the following:

- Cell phones
- Still Cameras
- Video or audio recording devices
- Any external hard drives (Network or other)
- Any form of memory cards including, but not limited to; CompactFlash card, Secure Digital card (SD card), or Memory Stick
- Any other flash read/write media
- Any other USB read/write media

GE health and safety policy

GE Healthcare requires students to wear closed-toe and closed-heel shoes while attending training. Safety toe-shoes are required, but steel-toe shoe covers are available in the classroom. MR courses require composite toe safety shoes. Open-toe, high-heel shoes or sandals are not permitted.

education centers

waukesha, wi

The Healthcare Institute has expanded to include classrooms to support anesthesia classes and our new Network Infrastructure and Protocols Training curriculum.

jupiter, fl

Our center of excellence for patient monitoring product support now includes new classrooms featuring our new Network Infrastructure and Protocols Training curriculum and many GE product training classes.

remote locations

Periodically, we take classes to strategic locations for added customer convenience. Check our website for the most current list of classes www.gehealthcare.com/training.

hosting a class

If you have a group to train, consider hosting a class at your facility. Our instructors can bring a number of our courses to you for maximum flexibility and convenience. You eliminate travel expense and have the advantage of training multiple staff at the same time, which can reinforce learning.

pre-requisites

Many classes contain lecture and lab exercises requiring networking skills. The fundamentals of networking are not covered in products classes.

The following IT skills are required prior to enrollment*:

- IP addressing
- switch troubleshooting
- troubleshooting wireless
- networks
- subnetting
- router configuration
- network connectivity
- hard drives
- access control paths
- communication paths
- hardware replacement
- router troubleshooting
- network troubleshooting
- hubs
- POST
- back-up systems
- switch port configurations
- access point configuration

* courses requiring healthcare IT competency are identified on the course description page

accepted demonstration of healthcare IT competency:

- CompTIA Network+®, Microsoft MCP®, or Cisco CCNA® certification
- Essentials of Healthcare IT℠
- Participants may complete a test to demonstrate IT competencies required for specific courses.

For your convenience, we now have one number to call for information on any course.

1-888-799-9921

Explore! Connectivity Basics for Ultrasound

This online, interactive course introduces the learner to the most commonly used procedures for connecting Ultrasound equipment to a healthcare network. Topics include the elements of an imaging network, Windows TCP/IP configuration, principles of DICOM®, configuring and troubleshooting DICOM for Ultrasound and managing data on an imaging network.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

course competencies:
upon successful completion of this course, the student should be able to:

- Determine what comprises a modern imaging network.
- Describe how IP addressing works.
- Connect a laptop and a printer to a network.
- Connect an ultrasound device to a network.
- Troubleshoot connectivity.
- Determine how to store and manage data on a network.

product number
Tuition:
R0359PG $1,150

delivery method
web

length of course
3 hours

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Image Vault™ 4.3 and 5.x Technical Training

The Image Vault 4.3 and 5.x technical training course is designed to teach the participant general functional theory, system operation, pre-installation, installation, configuration and connectivity, preventive maintenance, troubleshooting, and repair of both the 4.3 and 5.x systems using user documentation and the appropriate service tools. During this course, participants will use an Insite™ ExC account to practice remote service.

EducationServices

product number

Tuition:	
R0271PG	$8,055
Tuition & lodging:	
R0272PG	$8,980
Tuition, lodging & air:	
R0273PG	$10,080*
*US Only	

delivery method
classroom

length of course
4 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ 7

The LOGIQ 7 course includes the 4 day LOGIQ 9 course. The LOGIQ 7 portion of the course is designed to provide knowledge of the LOGIQ 7 hardware differences between the LOGIQ 9 Ultrasound system and the LOGIQ 7 system. The LOGIQ 9 and LOGIQ 7 systems both incorporate the TruScan architecture and share common user controls, peripherals, system and DICOM® configuration. Designed for the in-house biomedical or clinical engineer who will service both LOGIQ 9 and LOGIQ 7 systems, the course contains additional hands-on labs for LOGIQ 7 hardware identification and replacement.

Participants interested in only the LOGIQ 9 should register for the LOGIQ 9 course.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

EducationServices

product number

Tuition:	
R0220PG	$13,125
Tuition & lodging:	
R0230PG	$14,050
Tuition, lodging & air:	
R0231PG	$14,945*
*US Only	

delivery method
classroom

length of course
5 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ 9

The LOGIQ 9 Ultrasound course introduces the participants to the TruScan architecture for radiology ultrasound products. Designed for an inhouse biomedical or clinical engineer, this course contains hands-on lab exercises that explore the system's capabilities, component replacement, and necessary planned maintenance and repair procedures. Labs also include configuration (System and DICOM®), hardware identification and replacement, software loading and troubleshooting.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0216PG	$11,555
Tuition & lodging:	
R0232PG	$12,295
Tuition, lodging & air:	
R0233PG	$13,190*
*US Only	

delivery method
classroom

length of course
4 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ e/ LOGIQ i / Vivid™ e

This course is designed to give participants in depth knowledge of the LOGIQ e, LOGIQ i and Vivid e products illustrating the practical skills needed to install software and peripherals, set up connectivity with other networking devices, and troubleshoot the system. Participants will review basic system operations, identification of service tools and diagnostics, and how to disassemble the system. The course will provide a detailed explanation of the individual hardware and software components and their integration and interconnectivity with other system components. Participants will learn hands-on skills in labs designed to reinforce principles reviewed in class.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0304PG	$8,625
Tuition & lodging:	
R0305PG	$8,995
Tuition, lodging & air:	
R0306PG	$9,890*
*US Only	

delivery method
classroom

length of course
4 days

pre-requisites recommended
- Essentials of Healthcare IT℠ or equivalent
- Essentials of DICOM®

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ E9

The LOGIQ E9 course includes product training on the LOGIQ E9 and advanced applications of Volume Navigation and Scan Assistant. Participants will get hands-on experience in product, peripheral and DICOM® configuration, SW reload, system disassembly, and troubleshooting. The applications portion includes the configuration and use of the new Volume Navigation and Scan Assistant features.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0310PG	$14,255
Tuition & lodging:	
R0311PG	$15,180
Tuition, lodging & air:	
R0312PG	$16,075*
*US Only	

delivery method
classroom

length of course
4.5 days

pre-requisite required
- Essentials of Healthcare IT℠ or equivalent
  or
- Explore! Connectivity Basics for Ultrasound

pre-requisite recommended
Essentials of DICOM®

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ F Series Service Training

LOGIQ F series service online training course covers the knowledge and skills needed to perform the installation, corrective maintenance, diagnostics, troubleshooting and planned maintenance for the LOGIQ F series systems. It also offers information on applications, features and probes used on the LOGIQ F series.

course competencies:
upon successful completion of this course, the student should be able to:

- Identify the equipment operations of the LOGIQ F series systems
- Identify the installation steps for the LOGIQ F series systems
- Identify the steps to perform planned maintenance on the LOGIQ F series systems
- Identify steps to perform corrective maintenance on the LOGIQ F series systems and the OneBox hardware design

product number
Tuition:
R0370PG $1,625

delivery method
web

length of course
2 hours

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ P3

The LOGIQ P3 Technical Training course provides service personnel with the knowledge and skills they will need to support the product. Topics include: an overview of the system; sytem operation and applications; networking, DICOM® and connectivity functions; troubleshooting; and performing planned maintenance.

Note: Tuition includes any CD prerequisites that may be required.

Offered by request only.
Contact Us: 1-888-799-9921 or edservices@ge.com

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0347PG	$5,750
Tuition & lodging:	
R0348PG	$6,120
Tuition, lodging & air:	
R0349PG	$7,015*
*US Only	

delivery method
classroom

length of course
3 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ P5/P6

The LOGIQ P5/P6 Ultrasound class introduces students to the TruScan architecture of the LOGIQ family of Ultrasound products. Students learn about the system's capabilities, component replacement, and how to perform the necessary preventive maintenance and repair procedures. The course is primarily hands-on lab exercises and troubleshooting problems.

Note: Tuition includes any CD prerequisites that may be required.

Labs include:

- Operation and Applications Configuration (System and DICOM®)
- Hardware Identification and Replacement
- Preventive Maintenance and QA
- Troubleshooting and Software Loading

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0322PG	$8,625
Tuition & lodging:	
R0323PG	$9,180
Tuition, lodging & air:	
R0324PG	$10,075*
*US Only	

delivery method
classroom

length of course
3 days

pre-requisite recommended
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ S7 Service Differences Training (Web)

LOGIQ S7 Technical Training is a web based training course and is a differences training for those engineers who have taken LOGIQ S8 training. The course provides information on the unique features of the LOGIQ S7 and the differences to other similar products, LOGIQ S8 and Voluson™ S6/S8. It provides an overview of the internal and external hardware features, probes, applications and diagnostics.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

course competencies:
upon successful completion of this course, the student should be able to:

- Provide an overview of the Voluson P6/P8
- Describe the hardware components of the Voluson P6/P8
- Identify the probes and applications available with the Voluson P6/P8
- Identify the differences between the Voluson P6/P8 series and other Polaris Platform products

product number
Tuition:
R0362PG $1,625

delivery method
web

length of course
4 hours

pre-requisite required
LOGIQ S8

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

LOGIQ™ S8

The LOGIQ S8 Full Service Training is an instructor-led, in resident course. It provides an introduction to the safety aspects, application and probes, hardware and software features of the system. The course also covers installation, connectivity, service support, DICOM®, diagnostics and troubleshooting, and planned maintenance. An exam will be administered at the end of the course.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

course competencies:
upon successful completion of this course, the student should be able to:

- Describe safety precautions and proper safety procedures when working on the system
- Provide an overview of the LOGIQ S8
- Describe the applications and probes available on the system
- Describe the hardware on the LOGIQ S8
- Perform diagnostics and troubleshooting on the system
- Perform DICOM configuration
- Remotely log into the LOGIQ S8 to provide service
- Reload software
- Perform a PM

product number

Tuition:	
R0356PG	$8,625
Tuition & lodging:	
R0357PG	$9,180
Tuition, lodging & air:	
R0358PG	$10,075*
*US Only	

delivery method
classroom

length of course
3 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Vivid™ 7

The Vivid 7 Ultrasound class introduces students to the TruScan architecture of the Vivid family of Ultrasound products. Participants learn about the system's capabilities, component replacement, and how to perform the necessary planned maintenance and repair procedures. The course is primarily hands-on lab exercises and troubleshooting problems.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:

R0217PG	$13,115

Tuition & lodging:

R0236PG	$14,040

Tuition, lodging & air:

R0237PG	$14,935*

*US Only

delivery method

classroom

length of course

5 days

program information

Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Vivid™ E9

The Vivid E9 course includes training on the Vivid E9 product, advanced cardiac connectivity and advanced cardiac applications. Participants will get hands-on experience in product configuration, setting up network connectivity, SW reload, disassembly, and troubleshooting. The cardiac connectivity component includes fundamentals of file sharing, MPEGVue and eVue, disk partitions and file structures in Windows, disk management, and cardiac vs. DICOM® connectivity. The applications portion includes identifying the phases of stress echo, multiplane cardiac and 4D imaging, TEE probes, and specialized scan modes.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0313PG	$14,255
Tuition & lodging:	
R0314PG	$15,180
Tuition, lodging & air:	
R0315PG	$16,075*
*US Only	

delivery method
classroom

length of course
4.5 days

pre-requisite required
- Essentials of Healthcare IT℠ or equivalent
  or
- Explore! Connectivity Basics for Ultrasound

pre-requisite recommended
Essentials of DICOM®

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Vivid™ i/q

The Vivid i/q Service (Class/Lab) Systems course is a 3-day class that introduces the new Vivid i/q portable architecture for the cardiology ultrasound products. This course is for the experienced Ultrasound field service engineer. The course is a combination of classroom lecture and hands-on lab exercises featuring troubleshooting. Emphasis is placed on the operation, service operation, configuration, calibration, installation, networking, connectivity, troubleshooting and repair using user and service documentation and the global service interface for diagnostic software.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0223PG	$10,625
Tuition & lodging:	
R0238PG	$10,995
Tuition, lodging & air:	
R0239PG	$11,890*
*US Only	

delivery method
classroom

length of course
3 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Vivid™ S5/S6

This course covers overview, networking, and troubleshooting the Vivid S5 and Vivid S6 systems – successors to the Vivid 3 and Vivid 4 platforms. The course provides a detailed explanation of the individual hardware and software components and their integration and interconnectivity with other system components. Participants will learn hands-on skills in labs designed to reinforce principles reviewed in class.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0316PG	$8,625
Tuition & lodging:	
R0317PG	$9,365
Tuition, lodging & air:	
R0318PG	$10,260*
*US Only	

delivery method
classroom

length of course
4 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Voluson™ 730

The Voluson 730 Ultrasound class introduces students to the Real Time Volumetric Imaging family of Ultrasound products. Students learn about the system's capabilities, component replacement, and how to perform the necessary preventive maintenance and repair procedures. The course is primarily hands-on lab exercises and troubleshooting problems.

Note: Tuition includes any CD prerequisites that may be required.

Offered by request only.
Contact Us: 1-888-799-9921 or edservices@ge.com

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0219PG	$13,115
Tuition & lodging:	
R0240PG	$14,040
Tuition, lodging & air:	
R0241PG	$14,935*
*US Only	

delivery method
classroom

length of course
5 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Voluson™ E8/E6

The Voluson E8/E6 course is designed to introduce you to the Voluson E8/E6, the advanced technology imaging platform for women's healthcare. This course contains hands-on lab exercises for system troubleshooting, component replacement, system capabilities and necessary preventive maintenance and repair procedures. You will configure DICOM® devices supported by the system, perform disassembly procedures and data transfers, understand the procedure to set up and export a program on the Scan Assistant, and compare and contrast the hardware options between the Voluson E8 BT09 and the Voluson E6 BT09. Labs also include software loading and back-up, and recovering key data.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0245PG	$13,115
Tuition & lodging:	
R0246PG	$14,040
Tuition, lodging & air:	
R0247PG	$14,935*
*US Only	

delivery method
classroom

length of course
5 days

pre-requisite recommended
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Voluson™ E10 Differences Service Training

This web based course provides an overview of the new components and features of the Voluson E10. Developed to cover the service differences between the Voluson E8-E6 and the Voluson E10, participants are required to have completed the Voluson E8-E6 instructor led training before taking this course.

course competencies:
upon successful completion of this course, the student should be able to identify:

- New features and options
- New probe improvements
- New hardware
- New service support tools
- The upgrade strategy

product number
Tuition:
R0370PG $1,625

delivery method
web

length of course
2 hours

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Voluson™ i/e

The course is an overview of the Voluson i/e product illustrating the practical skills needed to install system software and peripherals, set up connectivity with the network devices, and troubleshoots the system problems. Participants will be involved in performing basic system operations, using diagnostic tests and disassembling the system. The course will provide a detailed explanation of the individual hardware and software components and their integration and interconnectivity with other system components. Participants will learn hands-on skills in labs designed to reinforce principles reviewed in class.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0242PG	$8,625
Tuition & lodging:	
R0243PG	$8,995
Tuition, lodging & air:	
R0244PG	$9,890*
*US Only	

delivery method
classroom

length of course
2 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Voluson™ S6/S8

Voluson S6/S8 Technical Training is an instructor-led in resident course. It provides an introduction to the safety aspects, hardware and software features of the Voluson S6 and S8. The course also covers installation, connectivity, service support, networking/DICOM®, diagnostics and troubleshooting and planned maintenance. The exam will cover the entire course and will be administered at the end of the course.

Note: Tuition includes any CD prerequisites that may be required.

intended audience:

- biomedical equipment technicians
- biomedical and clinical engineers

product number

Tuition:	
R0353PG	$8,625
Tuition & lodging:	
R0354PG	$9,180
Tuition, lodging & air:	
R0241PG	$10,075*
*US Only	

delivery method
classroom

length of course
3 days

pre-requisite recommended
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Essentials of Healthcare IT℠

This instructor-led class is specifically designed for technical professionals responsible for the installation and support of medical devices and the networks interconnecting them. The class is taught by highly qualified technical trainers and will focus on developing the practical skills needed by a biomedical engineer to interface with networked devices in healthcare today. Extensive labs with plenty of hands-on time allows the student with no previous IT training to gain confidence in this new and exciting arena. The class will build and troubleshoot flat, switched, routed, and wireless networks. Basic computer skills are required.

intended audience:

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

product number

Tuition:	
2030677-001	$4,250
Tuition & lodging:	
2030677-002	$5,175
Tuition, lodging & air:	
2030677-003	$6,070*
*US only	

delivery method
class

length of course
4 days

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Bring this class to your location.
Call for pricing and details: 888-799-9921

Securing the Healthcare IT Environment℠

This instructor-led class is specifically designed for technical professionals responsible for the secure transport of electronic protected health information across healthcare IT infrastructures. This class is taught by experts in the healthcare IT field and topics include: a global security overview, relevant HIPAA Title II Privacy and Security Rule information, the top 10 HCIT network attacks and ways to prevent them, strategies to mitigate risk, and securing a home network. Hands-on labs include password cracking, configuring biometric identifiers, encryption, port scanning, using network analyzers, software firewall configuration, performing an MD5 Hash, and home router configuration. Students will perform a risk analysis of medical devices using MDS2 documentation and ACCE/ECRI tools. Basic computer skills and TCP/IP network troubleshooting techniques are required.

intended audience:

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

product number

Tuition:	
2020786-053	$5,000
Tuition & lodging:	
2020786-054	$5,925
Tuition, lodging & air:	
2020786-055	$6,820*

*US only

delivery method
class

length of course
5 days

IT skills required
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Wireless in the Healthcare IT Environment℠

This vendor-neutral class focuses on the installation, management, and troubleshooting of RF technologies in healthcare today; including WMTS, 802.11, RFID, and cellular communications. Topics include RF and antenna basics, common interference sources in healthcare, remote patient viewing using the Wireless Medical Telemetry Service (WMTS), 802.11 and access point configuration including wireless VLANs, RFID basics, cellular communications, and security requirements for wireless systems. Students receive hands-on training with network analyzers and spectrum analyzers, perform site surveys for WMTS and 802.11, and troubleshoot WMTS antenna systems.

intended audience:

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

product number

Tuition:
2020786-050 $5,000
Tuition & lodging:
2020786-051 $5,925
Tuition, lodging & air:
2020786-052 $6,820*
*US only

delivery method
class

length of course
5 days

IT skills required
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Essentials of HL7®

This vendor-neutral class prepares the student to configure and troubleshoot HL7. Focusing on V2.x, students will learn to use the HL7 standard as a reference source as well as vendor conformance documents to aid in interface design. Topics include the structure and encoding of common patient administration, order, results, and billing messages, as well as interface design, data mapping, and vocabulary. Common troubleshooting techniques will be discussed and class concepts will be reinforced through use of the HL7 Messaging Workbench software. This instructor-led course is open to anyone wanting a more in-depth insight into HL7, regardless of equipment choice in the healthcare environment.

intended audience:

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

product number

Tuition:	
2020786-167	$2,350
Tuition & lodging:	
2020786-168	$2,905
Tuition, lodging & air:	
2020786-169	$3,800*

*US only

delivery method
class

length of course
3 days

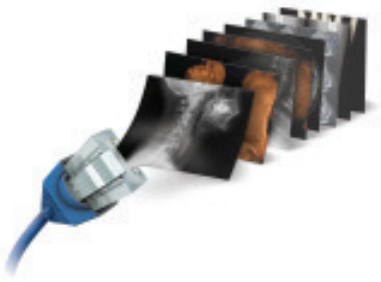
program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

Essentials of DICOM®

This instructor-led course prepares the participant to become proficient in the installation, maintenance and troubleshooting of DICOM on digital imaging networks. Participants will learn to use the DICOM standard as a reference source, analyze conformance statements for predicting connectivity, configure and use DICOM simulators, and capture and analyze DICOM traffic using freeware tools like the DICOM Validation Toolkit.

intended audience:

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Radiologists
- Any professional who supports the field of medical technology



product number

Tuition:	
2020786-126	$3,500
Tuition & lodging:	
2020786-127	$4,055
Tuition, lodging & air:	
2020786-128	$4,950*

*US only

delivery method
class

length of course
3 days

IT skills required
Essentials of Healthcare IT℠ or equivalent

program information
Please visit www.gehealthcare.com/training for the most current information on dates and locations.

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Waukesha, WI 53186
U.S.A.
www.gehealthcare.com

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